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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/650,466	08/27/2003	Bo Wu	18866-707	7107

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WILSON SONSINI GOODRICH & ROSATI
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EXAMINER

BLACKWELL, JAMES H

ART UNIT PAPER NUMBER

2176

DATE MAILED: 08/23/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/650,466

Applicant(s)

WU ET AL

Examiner

James H. Blackwell

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 August 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 August 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>03/26/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This Office Action is in response to an original application filed 08/27/2003 with priority date **07/16/1999**.
2. Claims 1-8 are pending in this application. Claims 1, 7 and 8 are independent claims.
3. The Examiner acknowledges the preliminary amendment to the Specification filed 08/27/2003.

Specification

4. The disclosure is objected to because of the following informalities: The Related Applications Section need to be updated as application 09/354,993 was abandoned and application 08/922,898 is now U.S. Patent No. 5,987,256.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1-6, and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Helman et al. (hereinafter Helman, U.S. Patent No. 6,400,371, filed 05/18/1998) in view of Hill et al. (hereinafter Hill, U.S. Patent No. 6,023,714, filed 04/24/1997), and in

further view of Mighdoll et al. (hereinafter Mighdoll, U.S. Patent No. 5,918,013, filed 06/1996). (All from submitted IDS). *W3*

In regard to independent Claim 1 (and similarly independent Claim 8),
Helman teaches *identifying the document as comprising a hypertext markup language document* (Col. 2, lines 57-67: teaches displaying on television web pages using HTML).

Helman also teaches *reading a color from the document, the color specified in a YUV format* (Col. 4, lines 51-58: teaches set colors within a document and on Col. 3, lines 30-36: teaches YUV format).

Helman also teaches *reading a plurality of display elements from the document, each of the plurality of display elements specifying a corresponding absolute position* (Col. 4, lines 51-67: teaches text, images or graphics elements displayed directly onto the page).

Helman also teaches that *each of the plurality of display elements corresponding to one or more hypertext markup language (HTML) tags in a source document from which the document was compiled* (Col. 4, lines 51-67: teaches displaying plurality of elements using HTML tags in document).

Helman also teaches *rendering each of the plurality of display elements on the television at the corresponding absolute position* (Col. 4, lines 4-14: teaches television for displaying the page and on Col. 4, lines 59-67: teaches displaying plurality of elements).

Helman fails to explicitly teach a color palette. However, Hill teaches that a document interrogates capabilities of the display such as color palette (Col. 9, lines 23-28). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Hill into Helman to provide a way to determine from the document the color palette of the display to display the plurality of elements in order to provide an easier to read document in a document processing environment.

Neither Helman nor Hill explicitly teach *compiled hypertext markup language document (CHTML)*. However, Mighdoll teaches transcoding HTML document such as converting documents into other formats to provide compatibility (Col. 7, lines 5-20). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Mighdoll into Helman and Hill to provide a way to transcode HTML document such as converting documents into other formats of Mighdoll into the document including the color palette of the display to display the plurality of elements in order to reduce the latency when displaying a web pages.

In regard to dependent Claim 2, Helman teaches *wherein the plurality of display elements includes at least one of a line element, a rectangle element, and a circle element* (Col. 5, lines 3-6: teaches different types of display elements).

In regard to dependent Claim 3, Helman fails to teach *wherein the plurality of display elements includes at least on link element, the link element including a uniform resource locator (URL) of a corresponding linked item*. However, Hill teaches a URL for the linked document (Col. 6, lines 37-44). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Hill into

Helman to provide a way to display hyperlink with a URL as one of the plurality of elements to be displayed which will identify linked document in order to enhance the browsing of HTML documents in a network environment.

In regard to dependent Claim 4, Helman teaches wherein the plurality of display elements includes at least one image element, the image element corresponding to a color bitmap image in the CHTML document (Col. 4, lines 51-67: teaches text or images as display elements).

Helman does not explicitly teach a color palette. However, Hill teaches a color palette (Col. 9, lines 23-28). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Hill into Helman to provide a way to determine from the document the color palette of the display to display the plurality of elements in order to provide an easier to read document in a document processing environment.

In regard to dependent Claim 5, Helman teaches *wherein the plurality of display elements includes at least one text element, the text element including a font, a size, a style, and a color, the text element occupying no more than one line on the television* (Col. 4, lines 59-67: teaches text or image elements).

In regard to dependent Claim 6, Helman fails to teach *wherein the plurality of display elements includes at least one Java class element*. However, Hill teaches JavaScript embedded in HTML document (Col. 8, lines 48-64).

Hill also teaches that a document interrogates capabilities of the display such as color palette (Col. 9, lines 23-28). It would have been obvious to a person of ordinary

skill in the art at the time the invention was made to have modified Hill into Helman to provide a way to display HTML document with embedded JavaScript for display of Java elements in order to permit interactions with objects within a document in a document processing environment.

7. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Mighdoll in view of Goldman et al. (hereinafter Goldman, U.S. Patent No. 5,974,461, filed 07/21/1997).

In regard to independent Claim 7, Mighdoll teaches *A system, the system comprising: a communication medium; a television; and a set top box, the set top box coupled to the communication medium and the television* (Col. 4, lines 10-37, see figure 2: teaches client 1 including a television set 12 and WebTV box 10), *the set top box capable of receiving a compiled hypertext markup language (CHTML) document over the communication medium* (Col. 7, lines 5-20: teaches transcoding HTML document such as converting documents into other formats to provide compatibility and to be transmitted to client 1 with a set top box).

Mighdoll does not explicitly teach *interpreting the CHTML document for display on the television*. However, Goldman (Col. 5, lines 5-67; Col. 6, lines 1-16; Figs. 3 and 4: teaches functionality of the WebTV box 10 including a converter 25 to provide the user with a graphical user interface for accessing and browsing the Web). It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Goldman into Mighdoll to provide a converter within a WebTV box and provide the user with graphical user interface for accessing and browsing the Web of

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Goldman incorporated into the WebTV box of Mighdoll to allow a person to access the Web without using a personal computer.

Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to James H. Blackwell whose telephone number is 571-272-4089. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather R. Herndon can be reached on 571-272-4136. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

9. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

James H. Blackwell
08/16/05

William L. Bashore
WILLIAM BASHORE
PRIMARY EXAMINER
8/18/2005